EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Brian Epstein (60329) on 26 May 2010.

2.   Please replace the prior version of claims 1 and 10 with the following version of

claims 1 and 10:

1. (Currently Amended) An information processing apparatus that transmits a data

reproduction process request packet to a node connected to a network and executes a

reproduction of reproduction object data, based on return data, the information processing

apparatus comprising:

a data transmission setting unit configured to determine a transmission percentage for

each of one or more data transmission modes according to a demand level of the reproduction

object data;

a hardware processor configured to set an address in accordance with the one or more

data transmission modes, to set a probability value based on a number of encoded blocks of the

reproduction object data, to indicate to the node whether to execute a process to return the

return data to the information processing apparatus, and to generate the data reproduction

process request packet, which stores the probability value and a designation of the reproduction

object data; and

a network interface unit that transmits the data reproduction process request packet to

the node at the address and receives the return data.

10. (Currently Amended): An information processing apparatus that transmits a data

reproduction process request packet to a node connected to a network and executes a

reproduction of reproduction object data, based on return data, the information processing

apparatus comprising:

a data transmission setting unit configured to select one or more data transmission

modes as a return data transmission mode, from a plurality of data transmission modes, and to

determine a transmission bandwidth percentage for each of the selected one or more data

transmission modes according to a demand level of the reproduction object data;

a ~~hardware processor~~ ~~packet generating unit~~ configured to set the reproduction object data and an address in accordance with transmission bandwidth percentages determined by the data transmission setting unit, and to generate the data reproduction process request packet, which stores designation data for the reproduction object; and

a network interface unit configured to transmit the data reproduction process request packet generated by the ~~packet generating unit~~ hardware processor, wherein the return data stored at the node is encoded data at an encoding rate of q/p converted from a number of blocks p of divided data into a number of blocks q by FEC encoding, and the hardware processor ~~packet generating unit~~ is configured to set a probability value β indicating that the node returns return data at a return probability β, such that β is greater than $p / (q \times \alpha \times n)$, where (1) α is a record probability designated by a record instruction apparatus connected to the network, (2) q is a number of encoded blocks q, (3) n is a number of network-connected nodes, and (4) p is the number of blocks p.

All other claims remain the same.

Reasons for Allowance

3.   The following is an examiner's statement of reasons for allowance:

        The closest prior art of record discloses a requesting apparatus indicating a

return-to device address in a request packet for requested object data. The return-to

device address represents a probability of whether a returning node should return the

requested data to the requesting apparatus.

        The prior art of record fails to render obvious, however, a requesting apparatus

setting a probability value based on a number of encoded blocks of requested object

data, the probability value indicating to a node whether to return the requested object

data to the requesting apparatus.

        Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to JEFFREY NICKERSON whose telephone number is

(571)270-3631. The examiner can normally be reached on M-Th, 9:00am - 7:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Philip Lee can be reached on (571)272-3967. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. N./
Examiner, Art Unit 2442

/Philip C Lee/
Acting Supervisory Patent
Examiner, Art Unit 2442